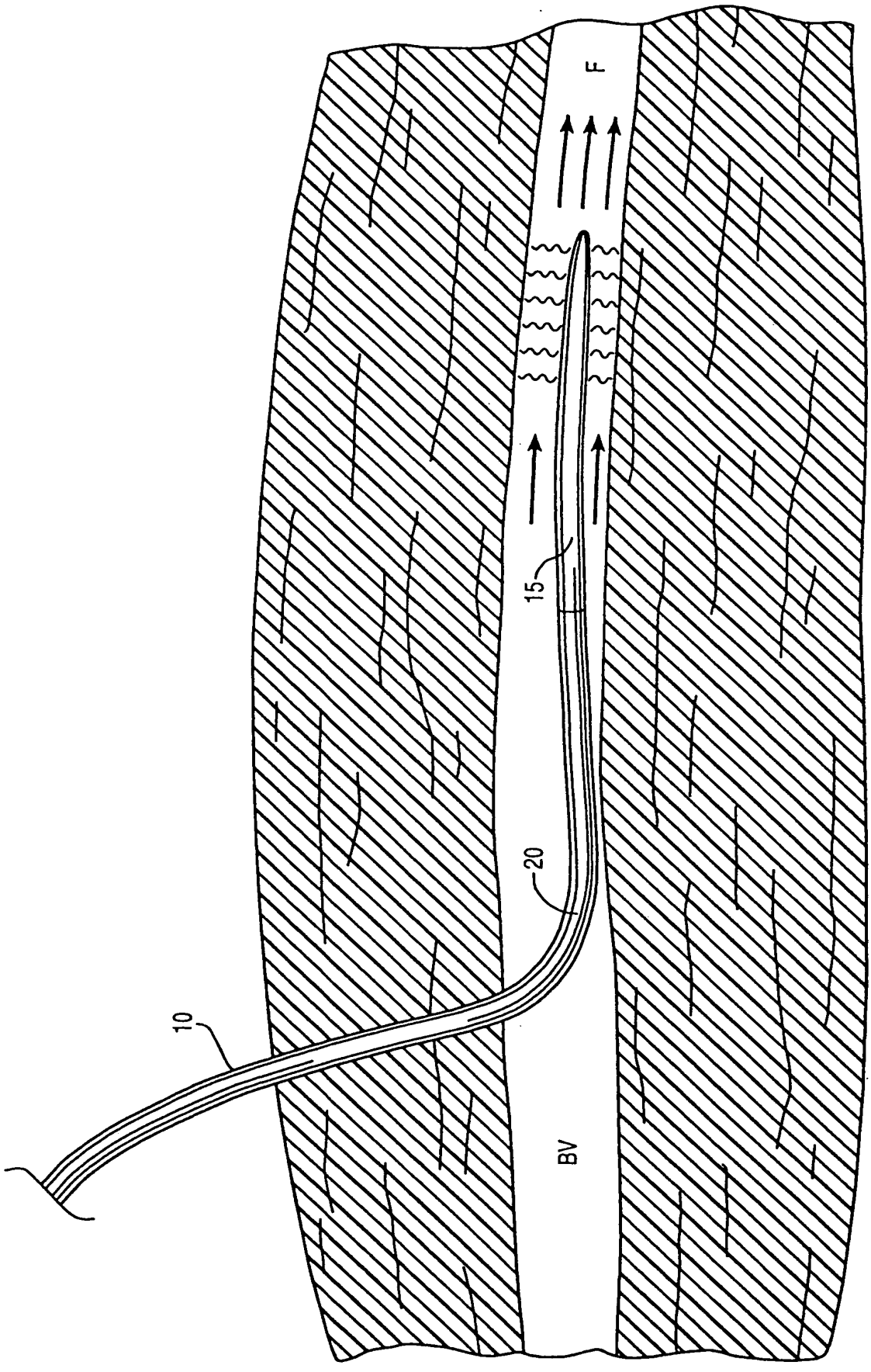

FIG. 1

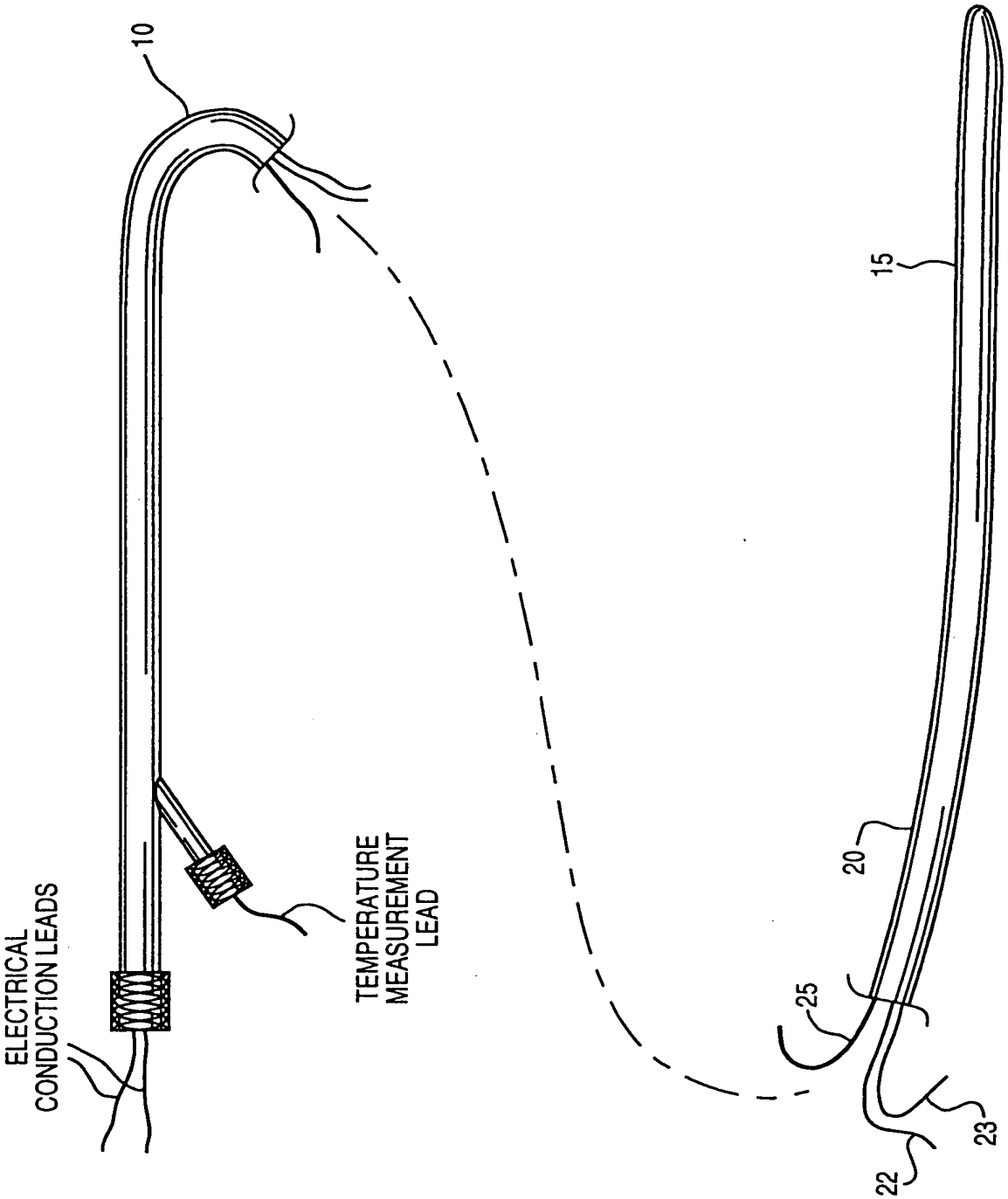
10
15
20
25
22
23
ELECTRICAL CONDUCTION LEADS
TEMPERATURE MEASUREMENT LEAD

FIG. 2

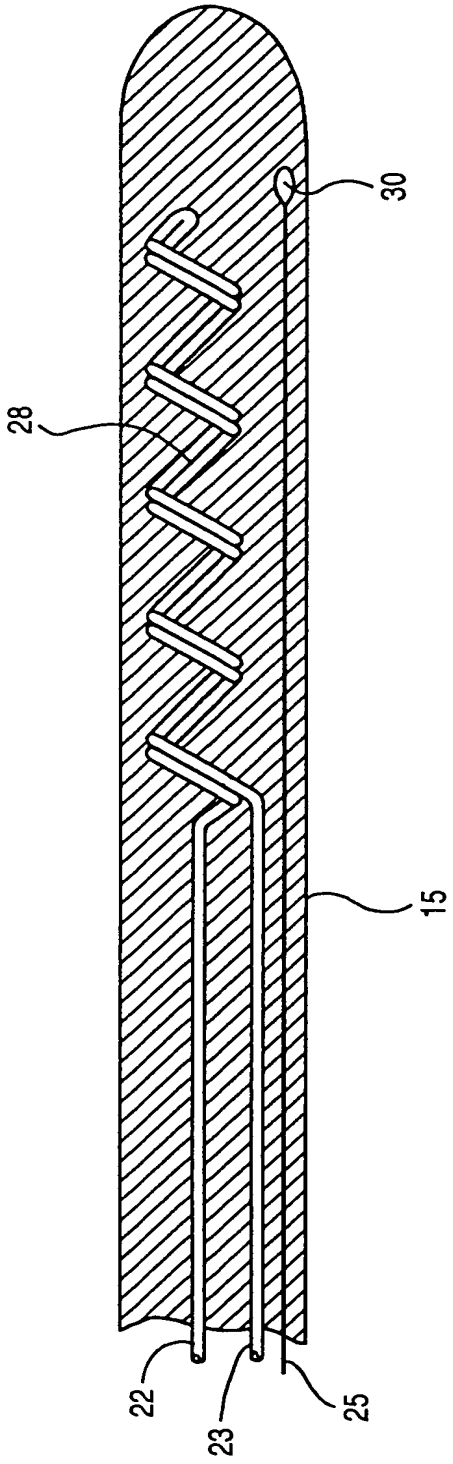

FIG. 3

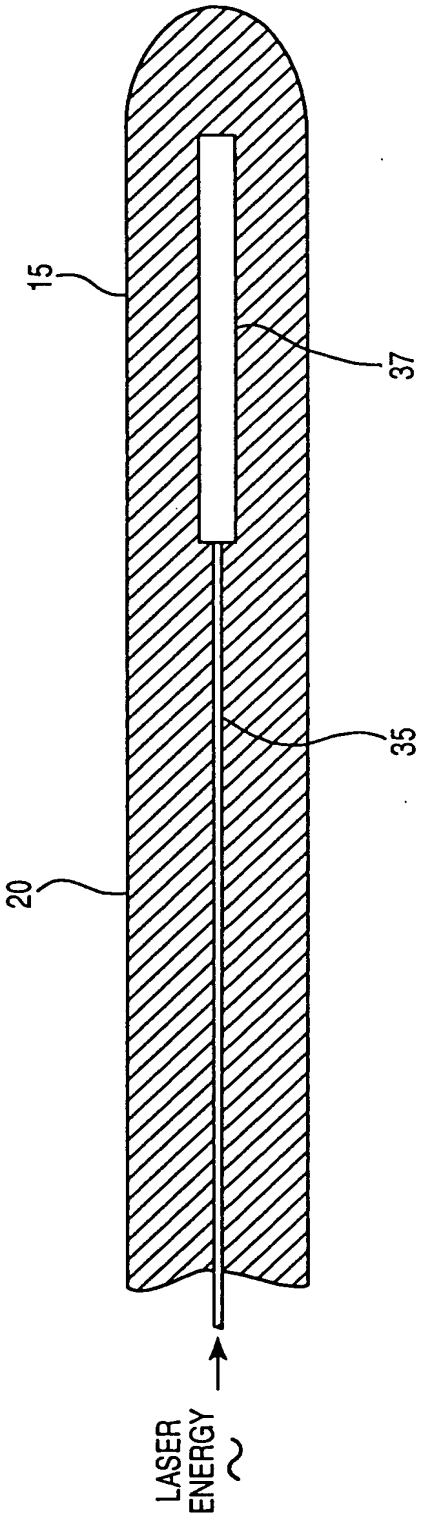

FIG. 4

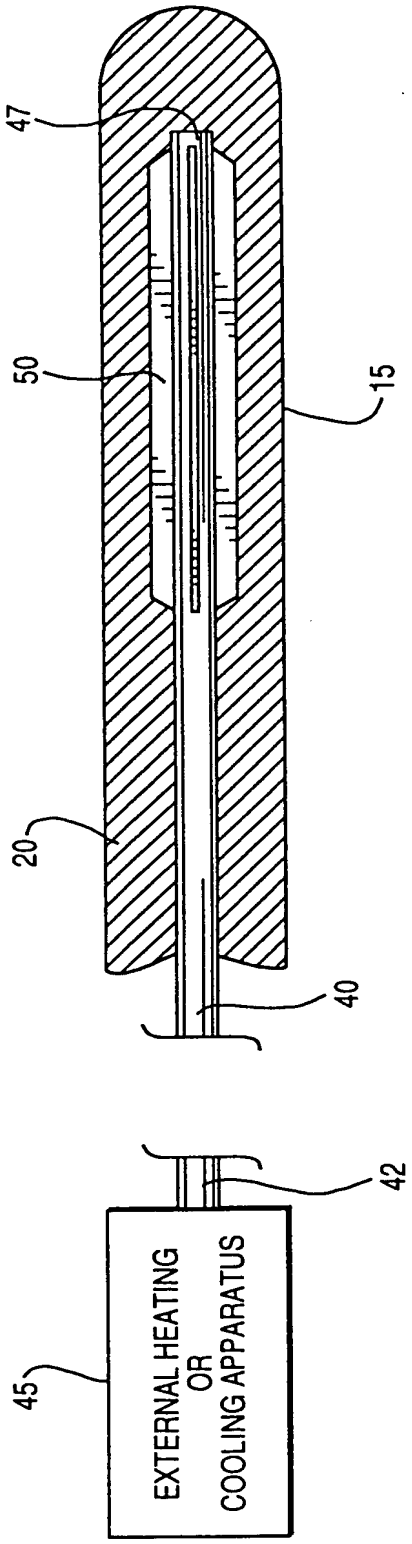

FIG. 5

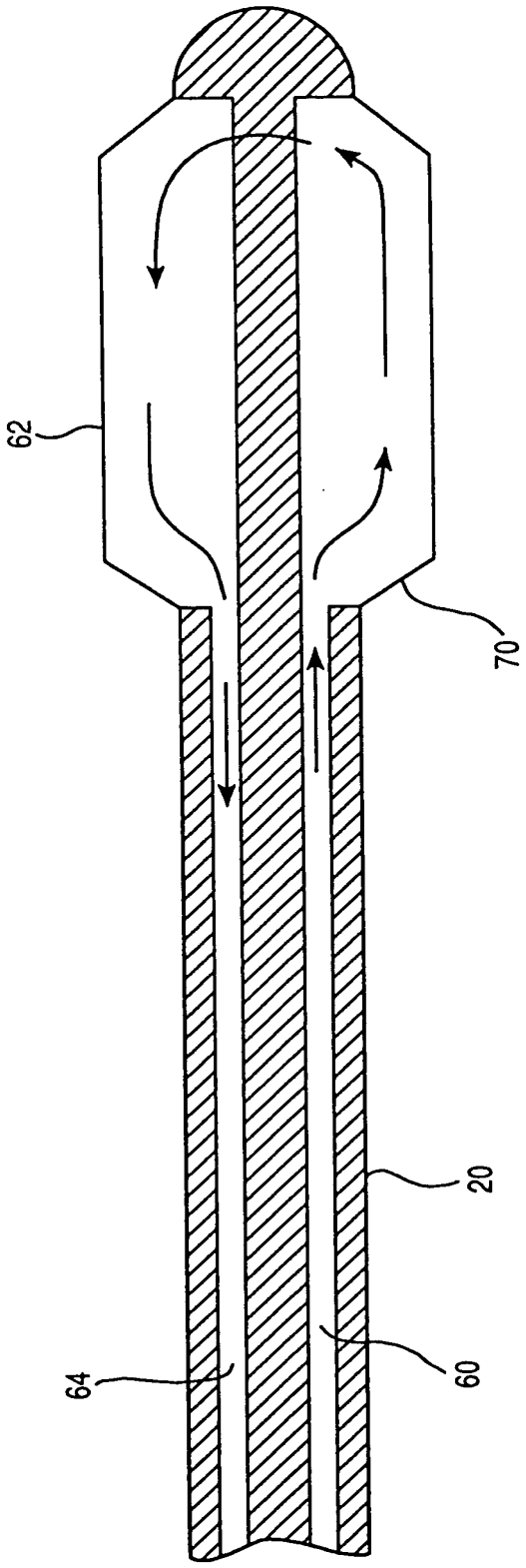

FIG. 6

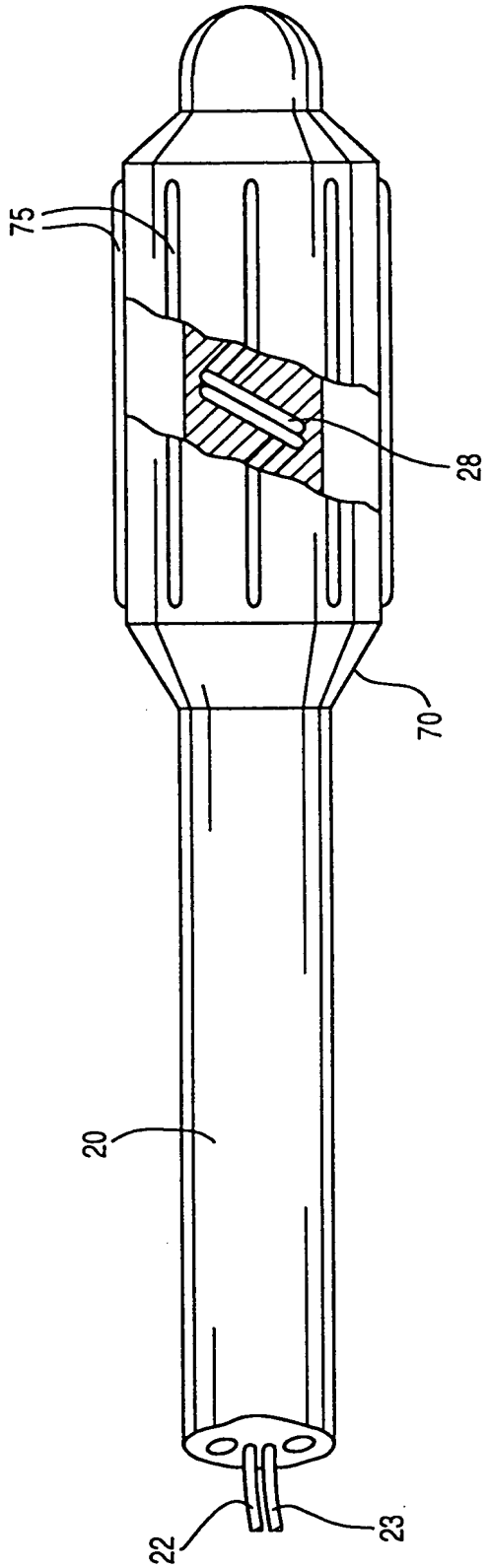

FIG. 7

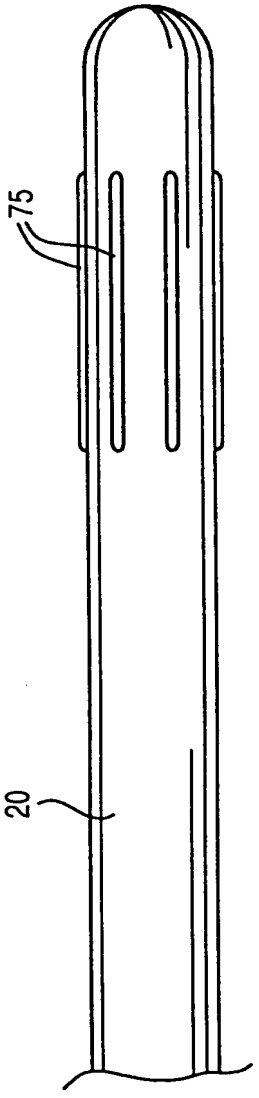

FIG. 8A

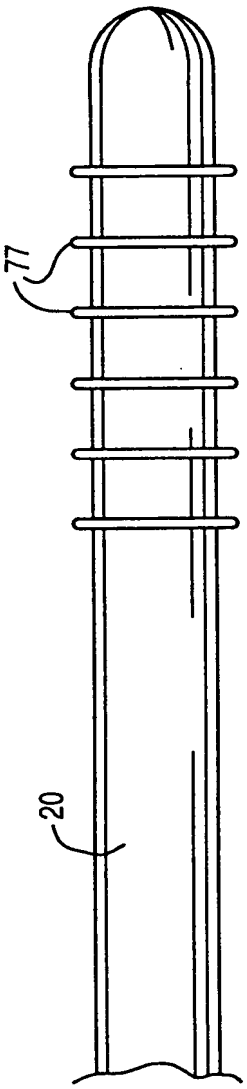

FIG. 8B

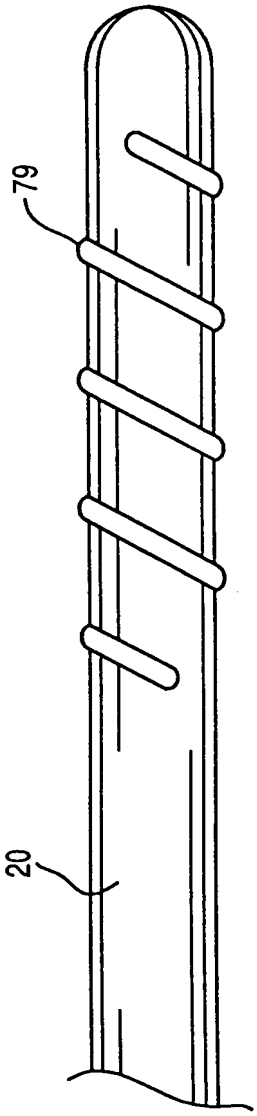

FIG. 8C

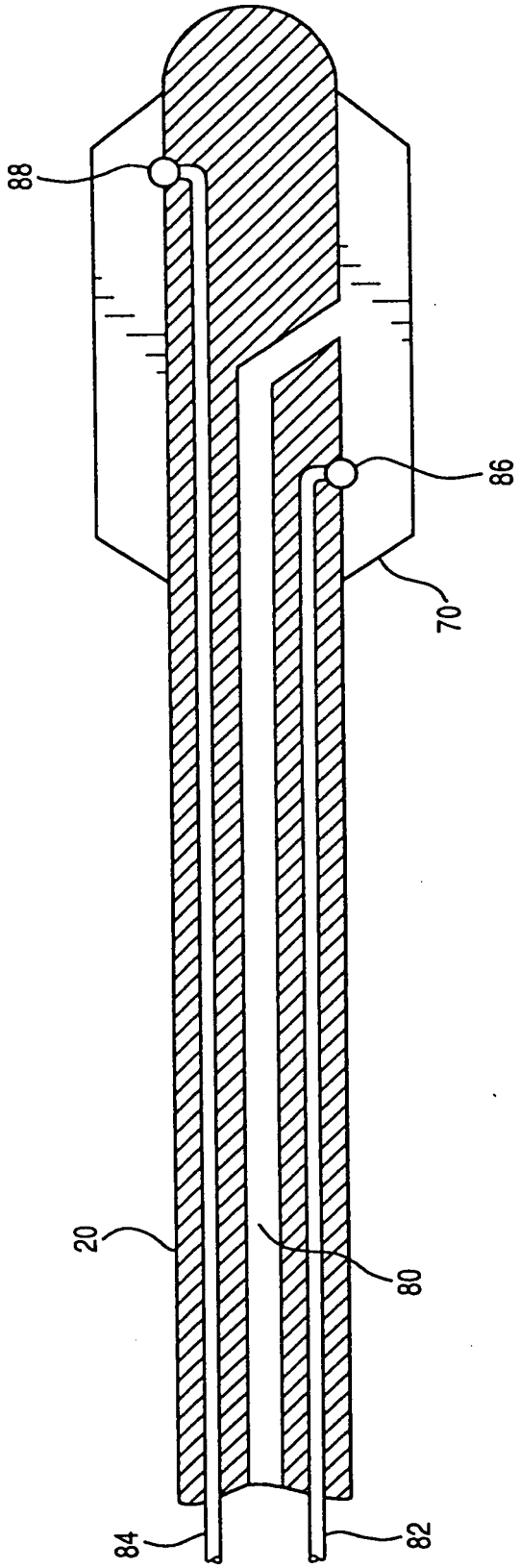

FIG. 9

	CONTROL SCHEME TO RAISE BODY TEMPERATURE		CONTROL SCHEME TO LOWER BODY TEMPERATURE
1.	MEASURE PATIENT BODY AND/OR BLOOD TEMPERATURE	1.	MEASURE PATIENT BODY AND/OR BLOOD TEMPERATURE
2.	MAINTAIN HEAT TRANSFER SURFACE AT 40°C TO 42°C	2.	MAINTAIN HEAT TRANSFER SURFACE AT 20°C TO 35°C
3.	STOP HEATING AT TARGET END POINT, e.g. BLOOD TEMPERATURE OF 42°C	3.	STOP COOLING AT TARGET END POINT, e.g. BODY TEMPERATURE OF 35°C TO 37°C
4.	CONTINUE MONITORING PATIENT BODY AND/OR BLOOD TEMPERATURE FOR OVERSHOOT, e.g. BLOOD TEMPERATURE EXCEEDS 43°C	4.	CONTINUE MONITORING PATIENT BODY AND/OR BLOOD TEMPERATURE FOR OVERSHOOT, e.g. BLOOD TEMPERATURE FALLS BELOW 32°C
5.	CONVERT TO COOLING MODE IF OVERSHOOT OCCURS	5.	CONVERT TO HEATING MODE IF OVERSHOOT OCCURS

FIG.10

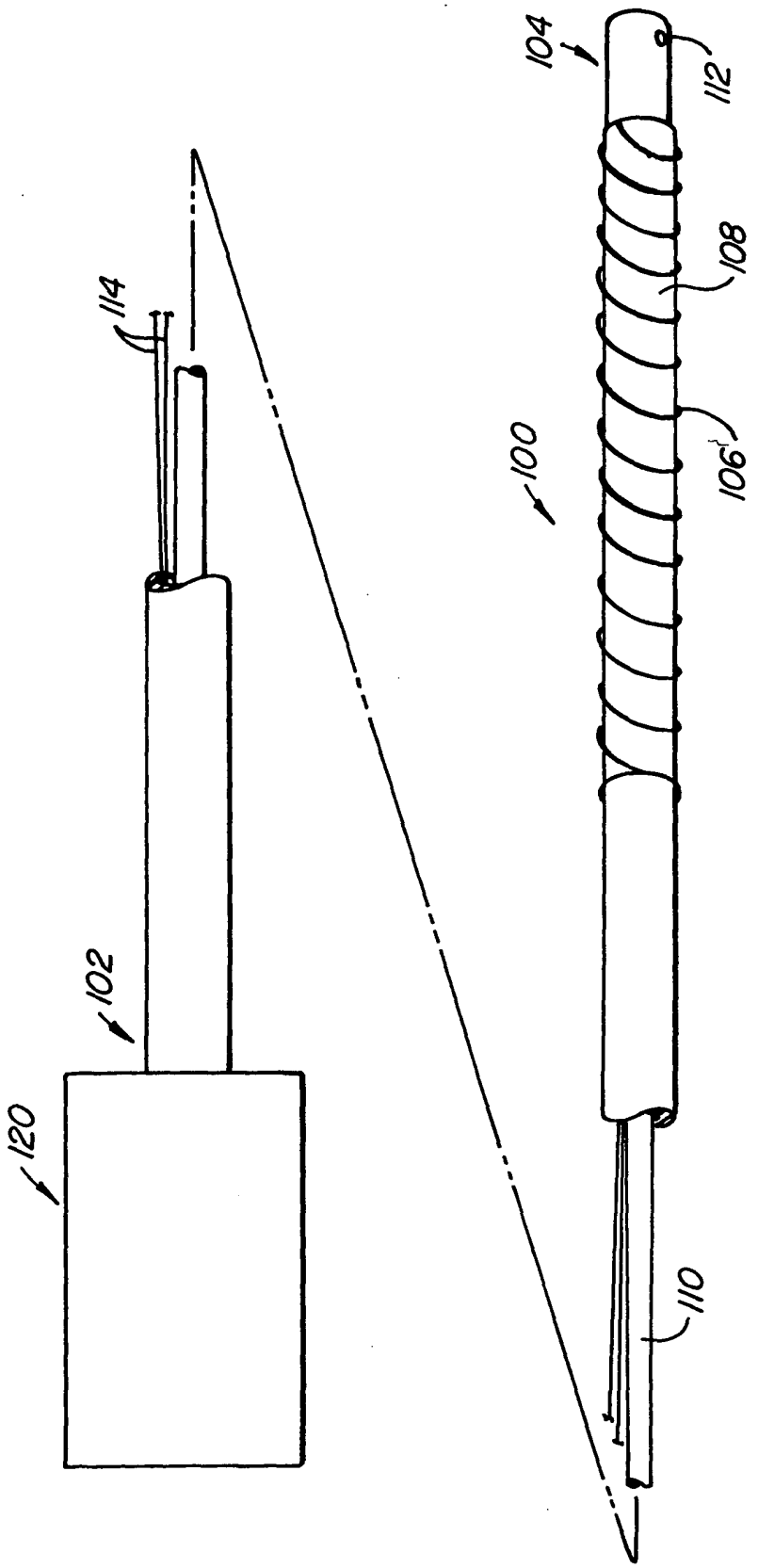

FIG. 11.